

ABSTRACT OF THE INVENTION

The present invention provides methods for producing mutationally-altered immunoglobulins and compositions containing such mutationally-altered immunoglobulins, wherein the mutationally-altered immunoglobulins have at least one mutation that alters the pattern of glycosylation in a variable region and thereby modifies the affinity of the immunoglobulin for a preselected antigen. The methods and compositions of the invention provide immunoglobulins that possess increased affinity for antigen. Such glycosylation-altered immunoglobulins are suitable for diagnostic and therapeutic applications.